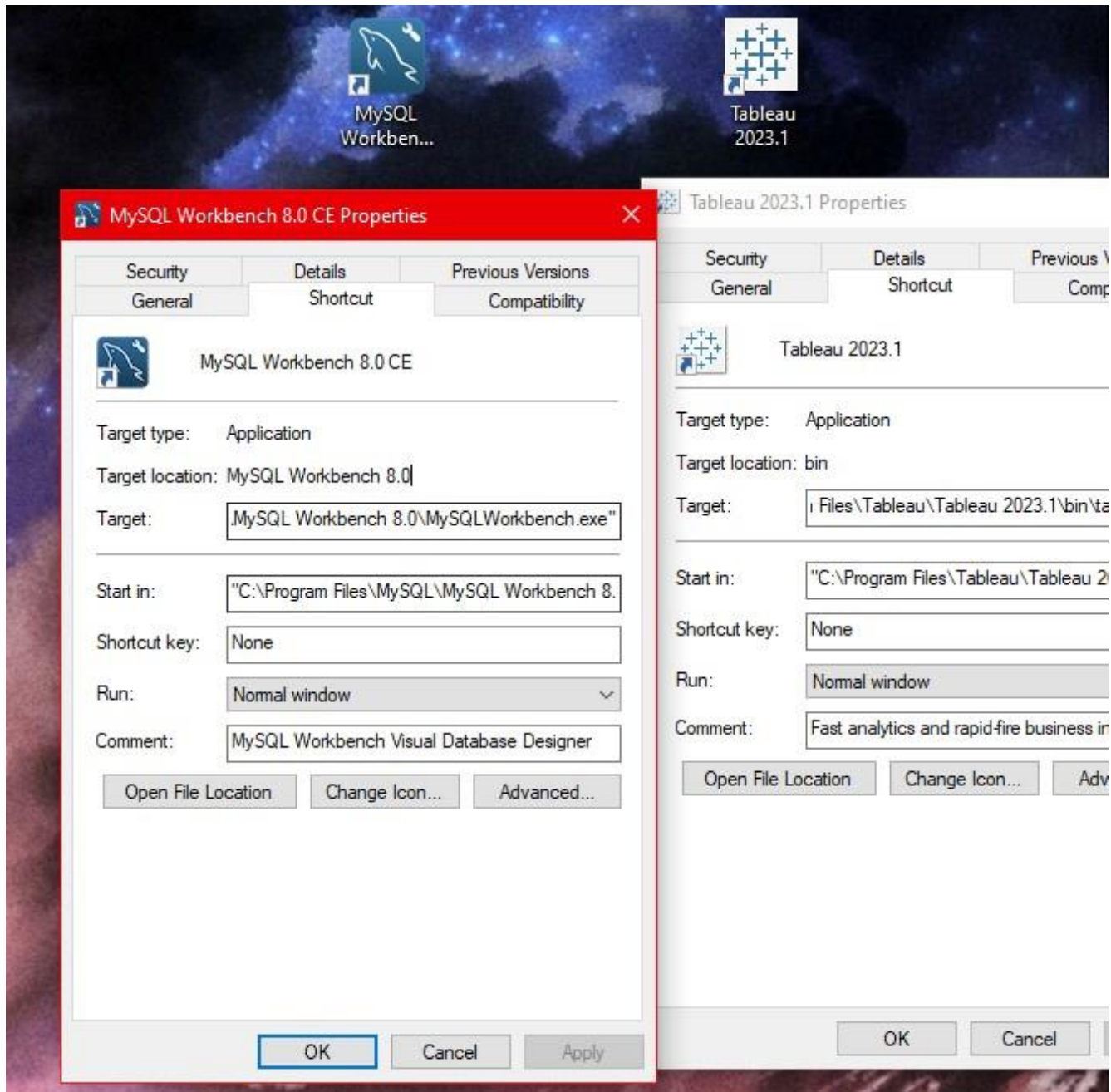
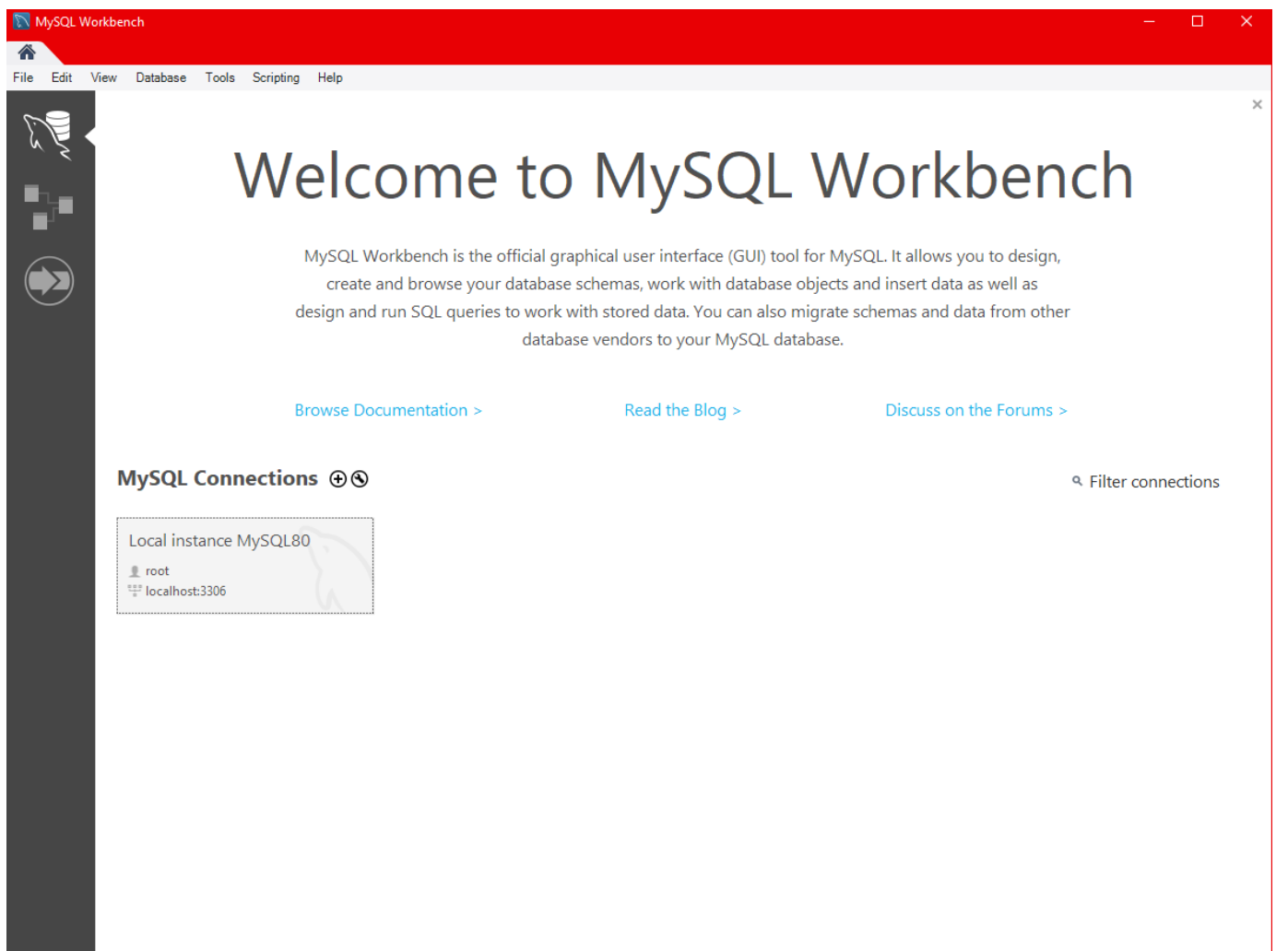
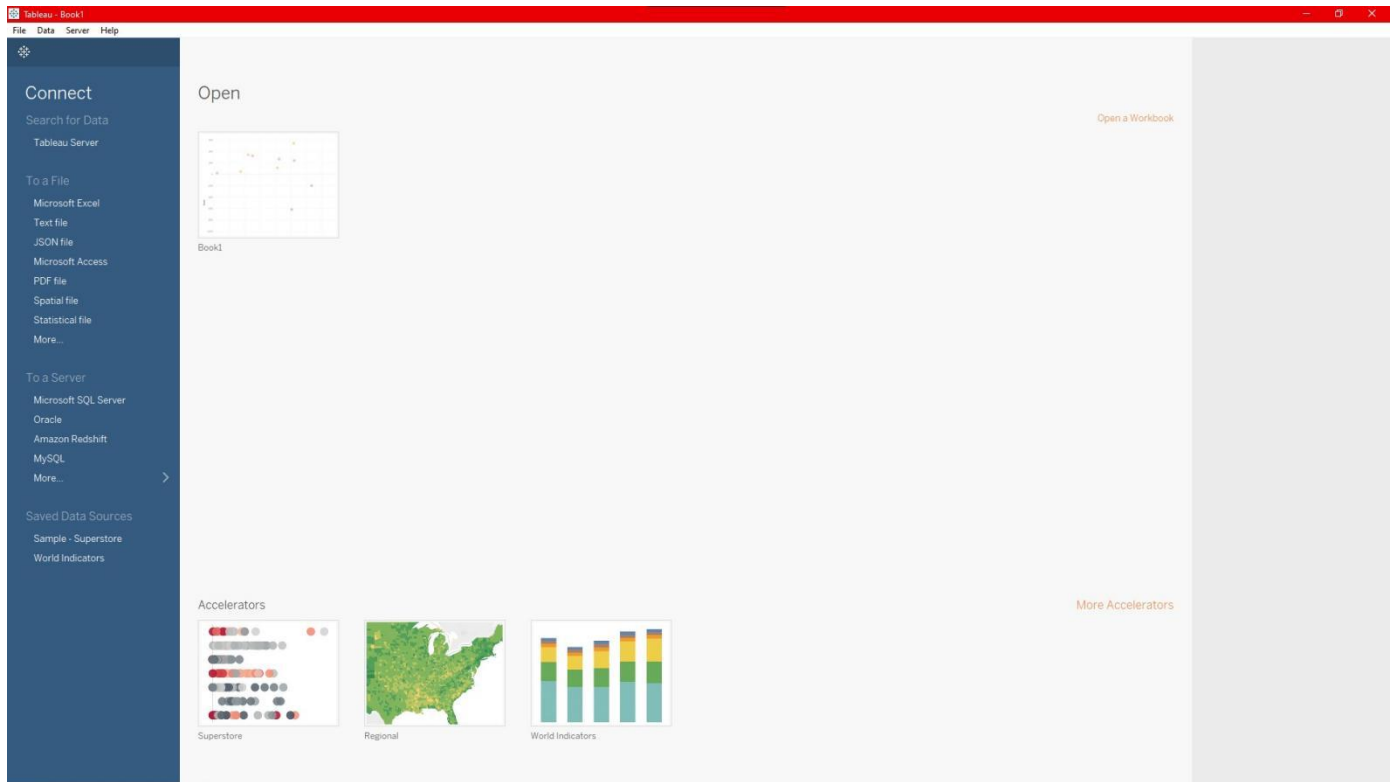


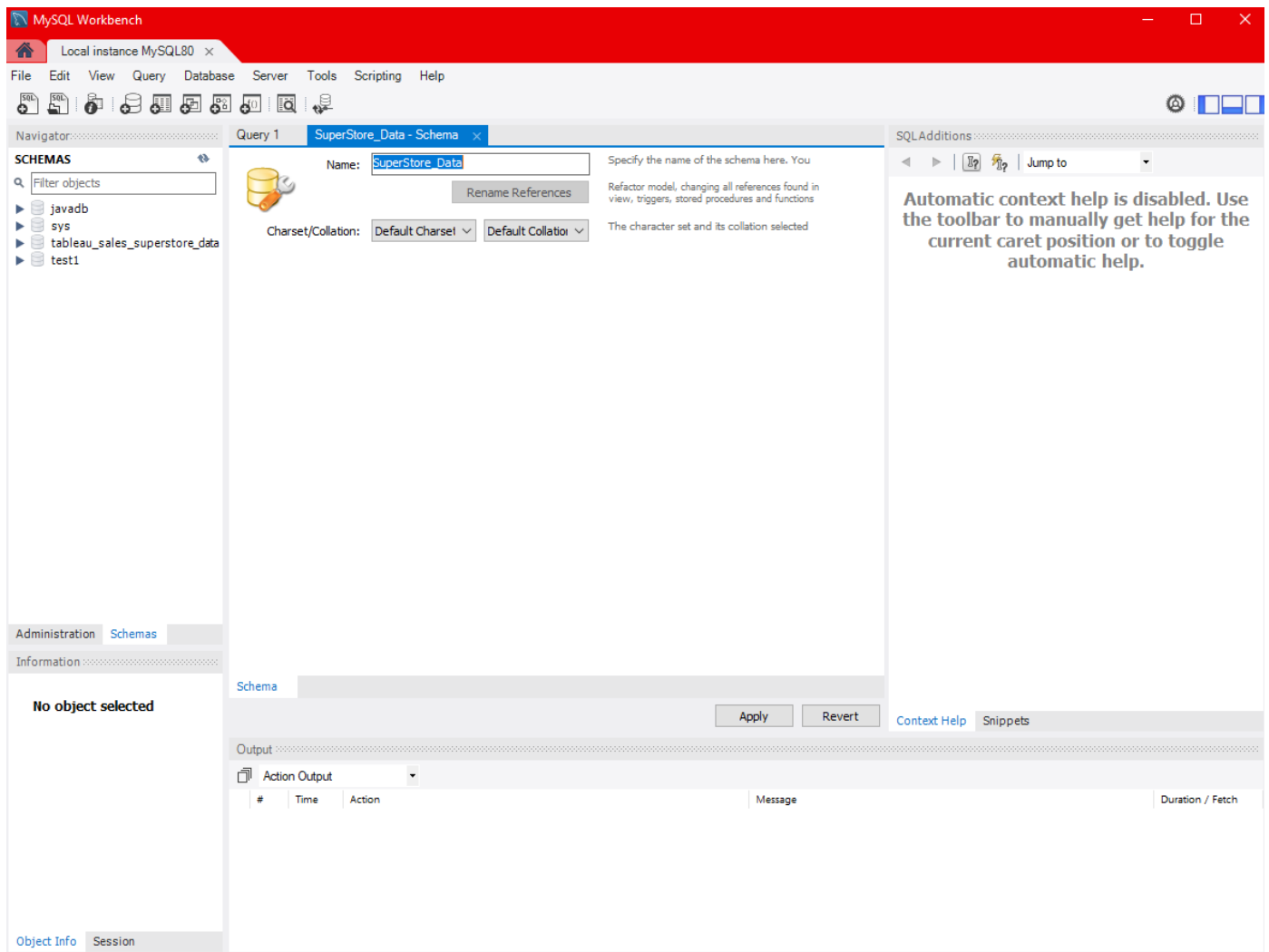
ASSIGNMENT – I

1) Download tableau desktop & Mysql in your PC or laptop





2) Create a new schema in your Mysql workbench and upload your data



Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator: Query 1 superstore_data - Schema x

SCHEMAS

Filter objects

Name: superstore_data

Rename References

Specify the name of the schema here. You

Refactor model, changing all references found in view, triggers, stored procedures and functions

Apply SQL Script to Database

Review SQL Script

Apply SQL Script

Review the SQL Script to be Applied on the Database

Online DDL

Algorithm: Default Lock Type: Default

```
1 CREATE SCHEMA `superstore_data` ;
2
```

Back Apply Cancel

Apply SQL Script to Database

Review SQL Script

Apply SQL Script

Applying SQL script to the database

The following tasks will now be executed. Please monitor the execution.
Press Show Logs to see the execution logs.

☒ Execute SQL Statements

SQL script was successfully applied to the database.

Show Logs

Back

Finish

Cancel

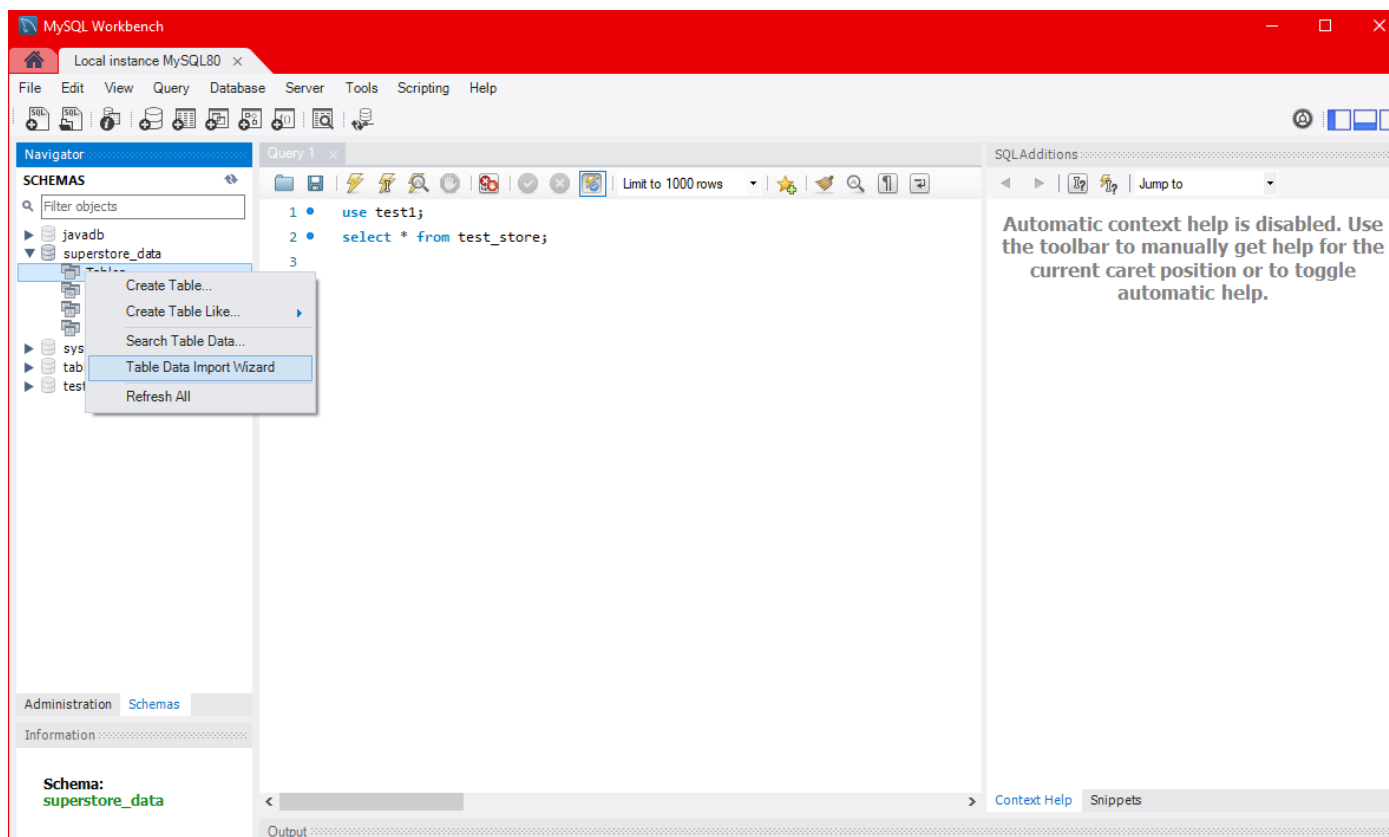


Table Data Import

Select File to Import

Table Data Import allows you to easily import CSV, JSON datafiles.
You can also create destination table on the fly.

File Path:

Browse...

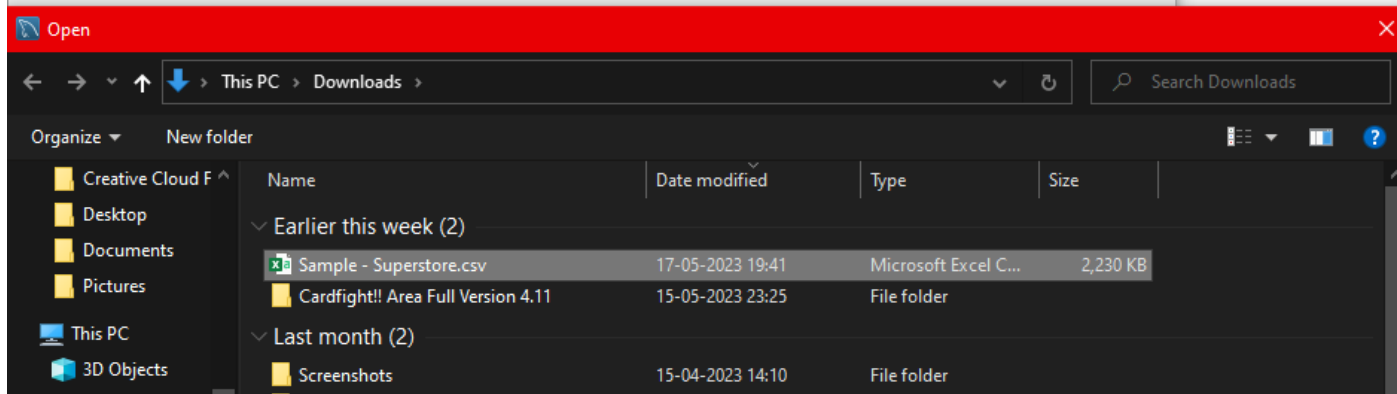


Table Data Import

Configure Import Settings

Detected file format: csv

Encoding:

Columns:

<input checked="" type="checkbox"/>	Source Column	Field Type
<input checked="" type="checkbox"/>	Row ID	<input type="text" value="int"/>
<input checked="" type="checkbox"/>	Order ID	<input type="text" value="text"/>
<input checked="" type="checkbox"/>	Order Date	<input type="text" value="text"/>
<input checked="" type="checkbox"/>	Ship Date	<input type="text" value="text"/>
<input checked="" type="checkbox"/>	Ship Mode	<input type="text" value="text"/>
<input checked="" type="checkbox"/>	Customer ID	<input type="text" value="text"/>

Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID	Customer ...	Segment	Country	City
1	CA-2016-15...	11/8/2016	11/11/2016	Second Class	CG-12520	Claire Gute	Consumer	United States	Hender
2	CA-2016-15...	11/8/2016	11/11/2016	Second Class	CG-12520	Claire Gute	Consumer	United States	Hender
3	CA-2016-13...	6/12/2016	6/16/2016	Second Class	DV-13045	Darrin Van...	Corporate	United States	Los Ang
4	US-2015-10...	10/11/2015	10/18/2015	Standard Cl...	SO-20335	Sean O'Don...	Consumer	United States	Fort Lai

< Back

Next >

Cancel

Import Results

File C:\Users\Sai_Bhargav\Downloads\Sample - Superstore.csv was imported in 0.650 s

Table superstore_data.superstore_data was created

138 records imported

< Back

Finish

Cancel

Navigator

SCHEMAS

Filter objects

- ▶ javadb
- ▼ superstore_data
 - ▶ Tables
 - ▶ **superstore_data**
 - ▶ Views
 - ▶ Stored Procedures
 - ▶ Functions
- ▶ sys
- ▶ tableau_sales_superstore_data
- ▶ test1

Query

1

2

3

3) Connect your Mysql and Tableau

The screenshot shows the Tableau Desktop interface. On the left is the 'Connect' pane with options like 'Search for Data', 'Tableau Server', 'To a File', and 'To a Server'. The 'MySQL' option is selected. In the center, the 'Open' pane displays a 'MySQL' connection dialog box. The dialog has tabs for 'General' and 'Initial SQL'. The 'General' tab is active, showing fields for 'Server' (localhost), 'Port' (3306), 'Database' (superstore_data), 'Username' (root), and 'Password' (masked with dots). There is a 'Require SSL' checkbox and a 'Sign In' button. Below the dialog, there are 'Accelerators' for 'Superstore', 'Regional', and 'World Indicators'. On the right, the 'Discover' pane shows 'Training' resources, 'Resources' like 'Get Tableau Prep', and a banner for 'Tableau 2023.1 available now'.

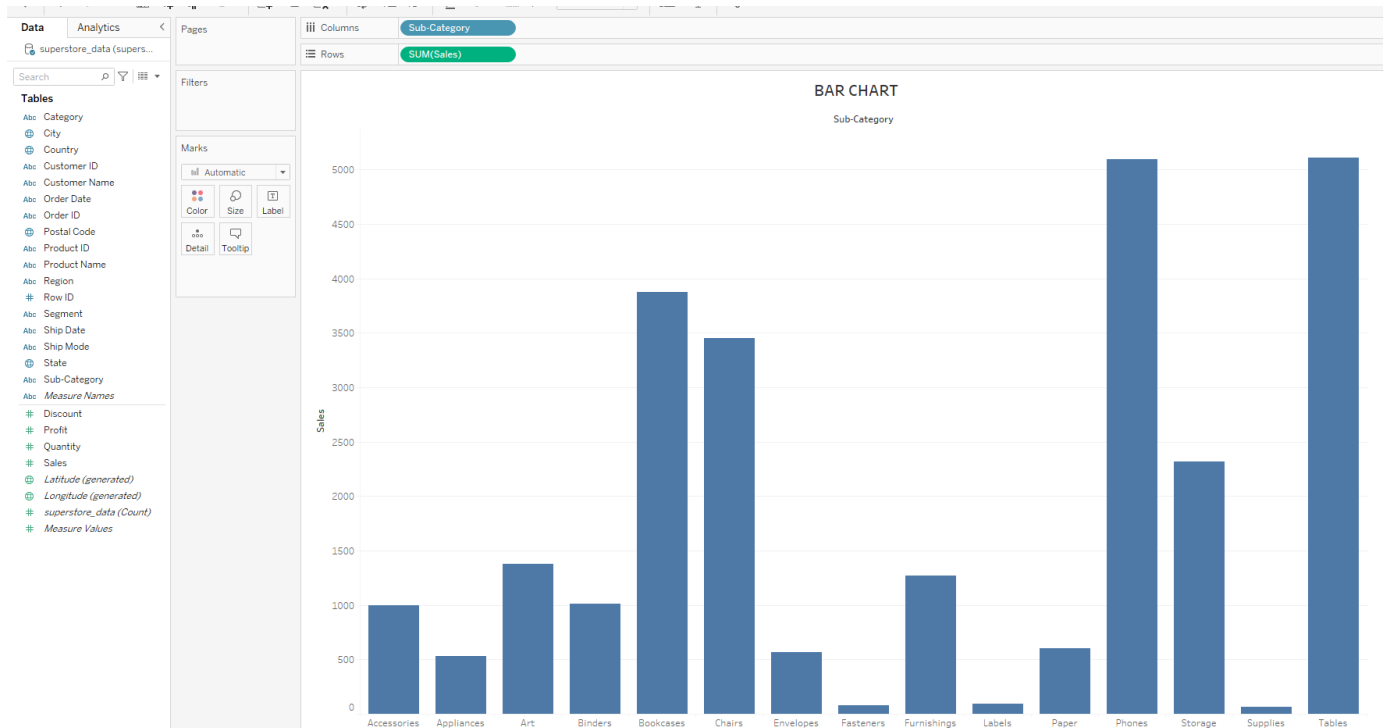
The screenshot shows the Tableau Desktop interface with the 'superstore_data (superstore_data)' connection. The 'Connections' pane on the left shows 'localhost MySQL' and 'superstore_data'. The 'Table' pane shows 'superstore_data'. The main view displays a data table with columns: Row ID, Order ID, Order Date, Ship Date, Ship Mode, Customer ID, Customer Name, Segment, Country, City, and State. The table contains 138 rows of data. A 'Go to Worksheet' button is visible in the bottom left corner.

Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID	Customer Name	Segment	Country	City	State
1	CA-2016-452156	11/8/2016	11/11/2016	Second Class	CG-12520	Claire Gulte	Consumer	United States	Henderson	Kentuc
2	CA-2016-452156	11/8/2016	11/11/2016	Second Class	CG-12520	Claire Gulte	Consumer	United States	Henderson	Kentuc
3	CA-2016-138688	6/12/2016	6/16/2016	Second Class	DV-13045	Darrin Van Huff	Corporate	United States	Los Angeles	Califon
4	US-2015-108966	10/11/2015	10/18/2015	Standard Class	SO-20335	Sean O'Donnell	Consumer	United States	Fort Lauderdale	Florida
5	US-2015-108966	10/11/2015	10/18/2015	Standard Class	SO-20335	Sean O'Donnell	Consumer	United States	Fort Lauderdale	Florida
6	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles	Califon
7	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles	Califon
8	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles	Califon
9	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles	Califon
10	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles	Califon

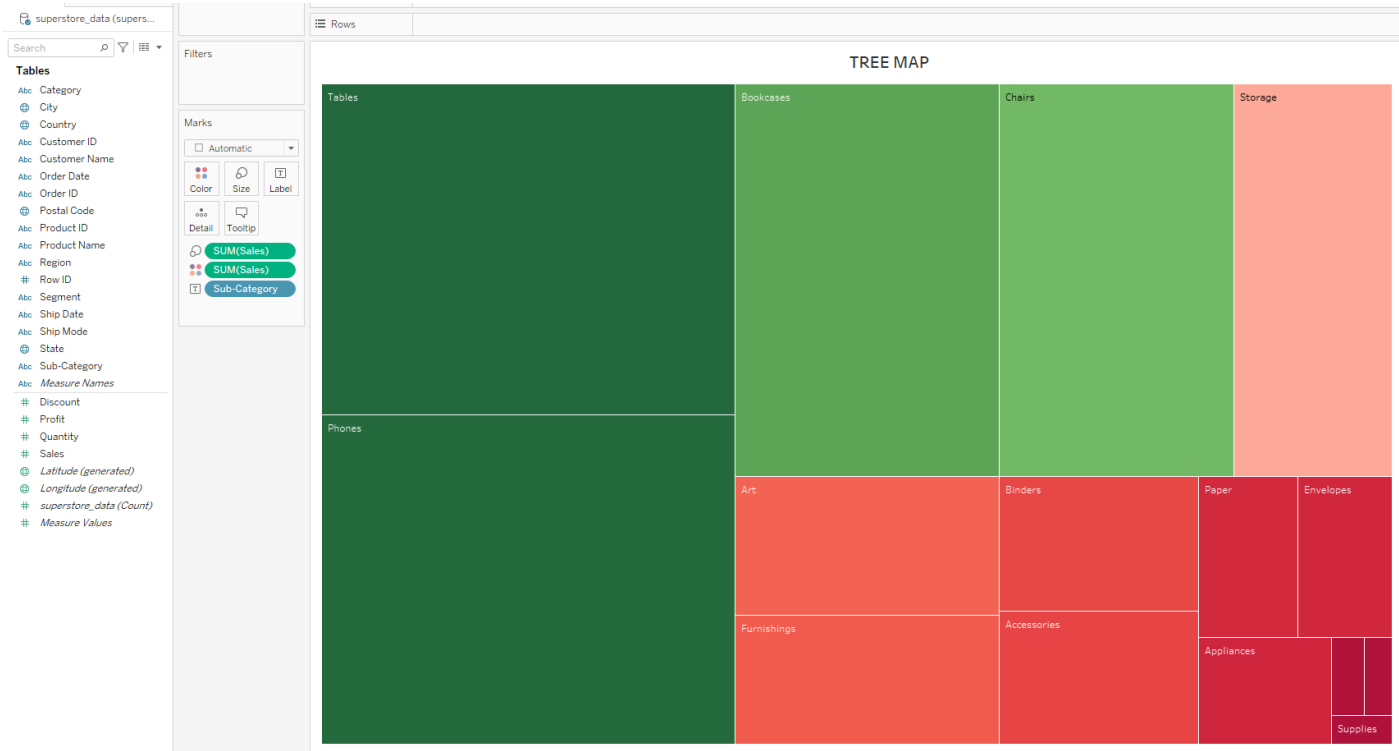
4) Create the below 5 charts/plots

- Bar chart
- Tree map
- Heatmap
- Pie chart
- Horizontal bar chart

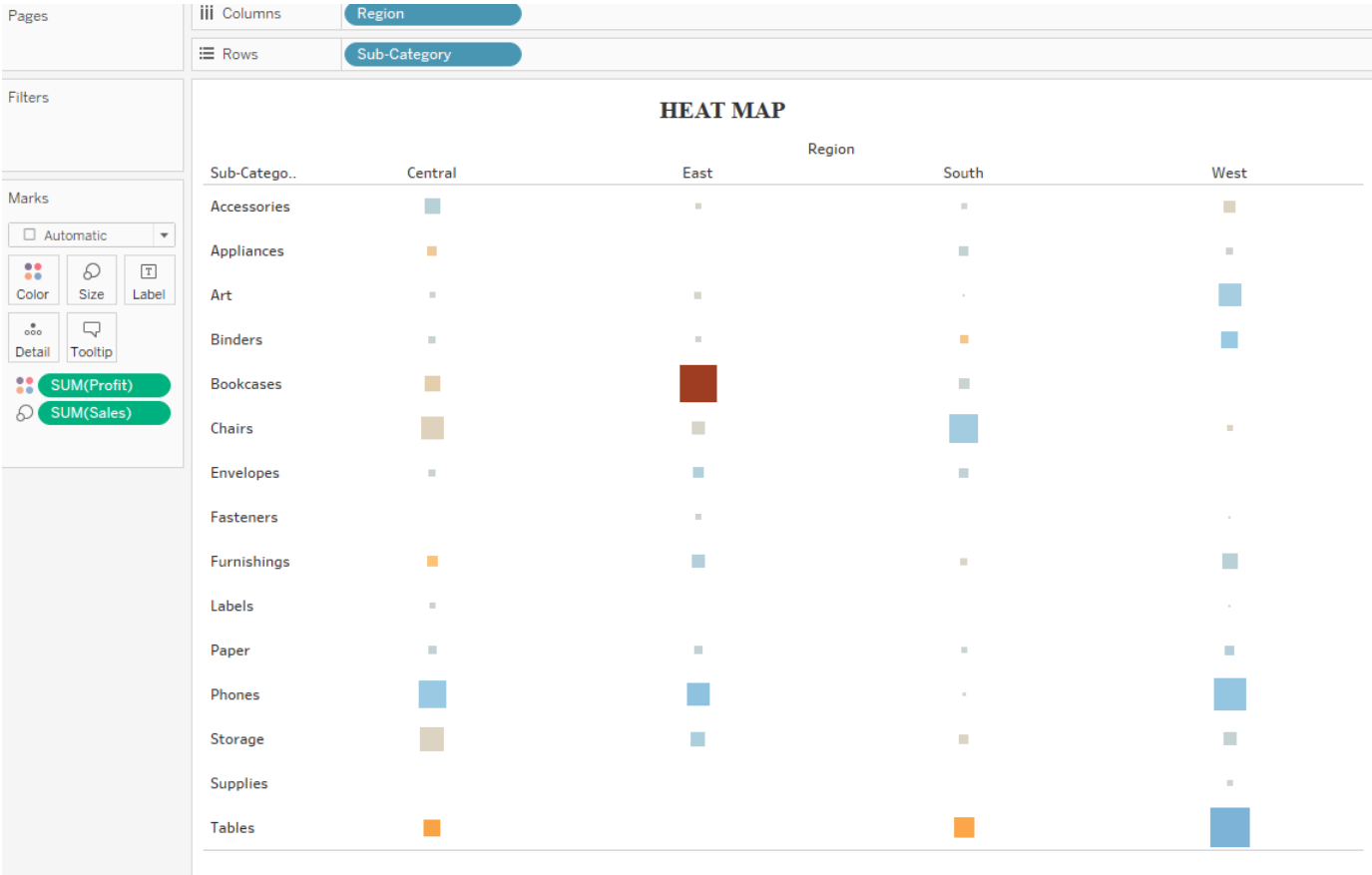
BAR CHART:



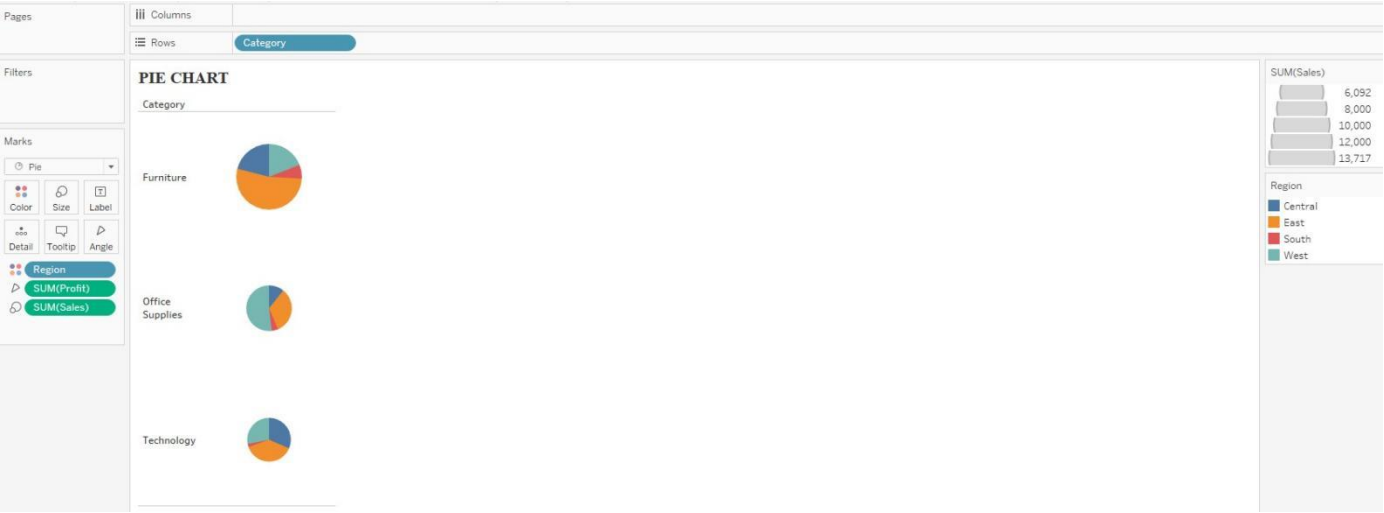
TREE MAP:



HEAT MAP:



PIE CHART:



HORIZONTAL BAR CHART:

